Llanelly Rural District Council

Annual Report

of the

Medical Officer of Health

for the

Year ending 31st December, 1964

WELSH BOARD OF HEALTH
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Llanelly Rural District Council

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LLANELLY RURAL DISTRICT COUNCIL

PUBLIC HEALTH COMMITTEE

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„ A. Bowen.
„ C. J. Treharne.
„ J. G. Rodge.
„ T. O. Jones, B.A., J.P.
„ J. E. R. Alford.
„ L. A. Davies.
„ H. M. Edwards, B.Sc.
„ C. McLoughlin.
„ V. Lewis.

PUBLIC HEALTH STAFF

Medical Officer of Health :
E. H. B. HOPKINS, M.R.C.S., L.R.C.P., D.P.H.

Chief Public Health Inspector :
A. V. ROWLANDS, M.R.S.H., M.A.P.H.I., D.P.A.

Public Health Inspectors and Inspectors of Meat and other Foods :
T. J. BIBBS
S. L. MORRIS
B. W. JAMES, M.R.S.H., M.A.P.H.I., A.M.N.Inst.E.

Chief Clerk :
W. O. G. RODERICK

Clerks :
D. T. REES, M.R.I.P.H.H.
G. J. C. EVANS, F.C.B.I.

Rodent Officer :
T. L. SADLER

Student Public Health Inspector :
ANEURIN JOHN

Junior Clerk :
Mrs. R. JONES

REPORT OF THE MEDICAL OFFICER OF HEALTH FOR THE YEAR 1964

To the Chairman and Members,
Llanelly Rural District Council.

Mr. Chairman and Gentlemen,

I beg to submit my Report for the year 1964 on the Health administration of the Rural District.

In doing so, I would like to thank the Chairman and Councillors for their assistance and kindness during the year.

I am,

Your obedient Servant,

E. H. B. HOPKINS,

Medical Officer of Health.

Public Health Department,
Castle Buildings,
Llanelly.

SECTION A.

SUMMARY OF VITAL AND MORTAL STATISTICS FOR YEAR 1964

Area of Rural District		51,367 acres
Llanedy	5,680 acres	
Llanelli Rural	15.060 acres	
Llangennech	2,396 acres	
Llannon	10,602 acres	
Pembrey	14,778 acres	
Pontyberem	2,851 acres	
Population (1961 Census)		40,301
Population (Registrar General's Estimated mid-year 1964)		40,310
Density (persons per acre)		1.27
Dwelling Houses in Rural District inhabited at end of 1964		12,907
Average number of persons per dwelling		3.12
Rateable Value (as at 1st April, 1964)		£1,046,180
Product of 1d. Rate (as at 31st March, 1964)		£4,102 3s. 1d.

Deaths :

Males 266 Females 202 Total 468
Rate per 1,000 population Crude Rate 11.11
Adjusted Rate 13.77

Deaths (65 and over) :
Males 157 Females 131 Total 288

MOTHERS AND INFANTS :

Total Live Births :

Males 327 Females 297 Total 624
Rate per 1,000 population Crude Rate 15.48
Adjusted Rate 15.94

Illegitimate Live Births :

Males 13 Females 14 Total 27
Illegitimate Live Births per cent. of total Live Births—4.33

Still Births :

Males 6 Females 7 Total 13
Rate per 1,000 total live and still births—20.41

Total Live and Still Births 637

Infant Deaths under 1 year :

Legitimate	Males 12	Females 8	Total 20
Illegitimate	Males —	Females 1	Total 1

Infant Mortality Rates :

Total Infant Deaths per 1,000 total live births—33.65.

Legitimate infant deaths per 1,000 legitimate live births—35.17.

Illegitimate infant deaths per 1,000 illegitimate live births—37.03.

Neo-Natal Mortality Rate (deaths under 4 weeks) :

Males 11 Females 7 Total 18

Rate per 1,000 total live births—28.84.

Early Neo-Natal Mortality (deaths under 1 week) :

Males 10 Females 6 Total 16

Rate per 1,000 total live births—25.64.

Perinatal Mortality (Still births and deaths of infant under 1 week) :

Males 16 Females 13 Total 29

Rate per 1,000 total live and still births—45.68.

Rate per 1,000 total live and still births—England and Wales—32.2.

Maternal Mortality (including abortion) :

Number of deaths ... ... Nil

Rate per 1,000 total live and still births ... Nil

	Crude Rate	Adjusted Rate	Rate for England and Wales
Rate per 1,000 of Estimated Population :			
Live Births	15.48	15.94	18.5
Deaths	11.11	13.77	11.3
Rate of Still Births per 1,000 Live and Still Births	20.41	—	16.3
Infant Mortality Rate per 1,000 Live Births	33.65	—	20.0
Neo-Natal Mortality Rate per 1,000 Live Births	28.84	—	13.8
Maternal Mortality Rate	Nil	—	.25

Year 1964	Maternal Mortality Rate per 1,000 total births	Infant Mortality Rate per 1,000 live births	Still Birth Rate per 1,000 births	Neo-natal Mortality Rate per 1,000 related live births	Illegitimacy Rate per 1,000 total live births
Llanelly Rural	Nil	33.65	20.41	28.84	20.83
England and Wales	.25	20.0	16.3	13.8	72.0
Wales alone	.35	24.3	17.8		

Live Births :

624 live births were registered. The adjusted birth rate was 15.94 as compared with 16.61 in 1963.

The illegitimacy rate was 20.83 per 1,000 live births as compared with 72.0 for England and Wales.

Still Births :

13 still births were registered in 1964, giving a rate of 20.41 as compared with 28.36 for 1963.

There were no illegitimate still births in 1964.

Net deaths from stated causes at various ages under 1 year of age :

Cause of Death	Under 1 week	1—2 weeks	2—3 weeks	3—4 weeks	Total under 4 weeks	1—3 months	3—6 months	6—9 months	9—12 months	Total under 1 year
Prematurity	12	—	—	—	12	—	—	—	—	12
Gastro Enteritis	—	—	—	—	—	—	—	1	—	1
Asphyxia Neonatorum	2	—	—	—	2	—	—	—	—	2
Broncho Pneumonia	—	—	—	1	1	1	—	—	—	2
Congenital Abnormality	1	—	—	—	1	—	—	—	—	1
Erythoblastosis Foetalis	1	—	—	—	1	—	—	—	—	1
Ventricular Defect	—	—	—	—	—	1	—	—	—	1
Peritonitis	—	—	1	—	1	—	—	—	—	1
	16	—	1	1	18	2	—	1	—	21

Within the Rural District 128 births took place at home. This represents approximately 20.09 per cent. of the total births.

Infant deaths according to age and place of death :

Age of Infant	Place of Death		
	In Hospital	At Home	Total
Under 1 week	15	1	16
1—2 weeks	—	—	—
2—3 weeks	—	1	1
3—4 weeks	—	1	1
Over 4 weeks	2	1	3
	17	4	21

INFANT MORTALITY RATES FOR THE LAST TEN YEARS

Year	Infant Mortality		Neo-Natal Mortality	
	R.D.	England and Wales	R.D.	England and Wales
1955	29.93	24.9	21.12	17.3
1956	45.64	23.8	30.96	16.9
1957	33.73	23.1	18.55	16.5
1958	43.38	22.5	33.44	16.2
1959	31.51	22.0	22.88	15.8
1960	17.11	21.7	15.55	15.6
1961	23.76	21.4	11.61	15.5
1962	24.48	21.4	13.99	15.1
1963	23.04	20.9	12.29	14.2
1964	33.65	20.0	28.84	13.8

Year	Total No. of Births	(A) No. of Still Births	(B) No. of Infant Deaths under 1 year	(C) No. of Neo-natal Deaths	Deaths of Infants over 1 month and under 12 months	A + B	A + C
1955	586	18	17	12	5	35	30
1956	554	20	25	17	8	45	37
1957	616	23	20	11	9	43	34
1958	610	12	26	20	6	38	32
1959	616	13	19	15	4	32	28
1960	656	13	11	10	1	24	23
1961	603	11	14	7	7	25	18
1962	572	12	14	8	6	26	20
1963	651	19	15	8	7	34	27
1964	637	13	21	18	3	33	31

The Perinatal and Infant mortality rates for the area were the highest since 1958 and compare unfavourably with the national average. There are no maternity hospital facilities within the area, and it is difficult to determine the reasons why these averages should exceed the national average. The improvement in the Welsh national Perinatal figures since 1931 shows that this rate has fallen from 80.9 in 1931 to 32.2 in 1964. (R.D.C. rate for 1964: 45.68). Prematurity (12) was stated to be the cause of death of more than half the infant deaths occurring in the first year of life, and of 2/3rds. of those occurring within the first week of life.

CAUSES OF DEATH IN THE LLANELLY RURAL AREA IN 1964

REGISTRAR GENERAL'S STATISTICS

	Causes of Death	All Ages M.	All Ages F.	All Ages Total
1	Tuberculosis, Respiratory	4	—	4
2	Tuberculosis, Other	1	—	1
10	Malignant Neoplasm, Stomach	7	3	10
11	Malignant Neoplasm, Lung Bronchus	14	2	16
12	Malignant Neoplasm, Breast	—	8	8
13	Malignant Neoplasm, Uterus	—	2	2
14	Other Malignant and Lymphatic Neoplasms	21	24	45
15	Leukaemia, Aleukaemia	1	1	2
16	Diabetes	2	2	4
17	Vascular Lesions of Nervous System	31	25	56
18	Coronary Disease, Angina	75	36	111
19	Hypertension with Heart Disease	4	5	9
20	Other Heart Disease	12	23	35
21	Other Circulatory Disease	10	16	26
22	Influenza	—	1	1
23	Pneumonia	9	9	18
24	Bronchitis	11	3	14
25	Other Diseases of Respiratory System	24	2	26
26	Ulcer of Stomach and Duodenum	—	1	1
27	Gastritis, Enteritis and Diarrhoea	1	—	1
28	Nephritis and Nephrosis	4	2	6
29	Hyperplasia of Prostate	1	—	1
31	Congenital Malformations	—	3	3
32	Other Defined and Ill-defined Diseases	26	28	54
33	Motor Vehicle Accidents	3	1	4
34	All other Accidents	4	4	8
35	Suicide	1	1	2
	Total All Causes	266	202	468

Included in the above are:—

Deaths from Pneumoconiosis ...	9
Deaths contributed by Pneumoconiosis ...	8
Deaths from Silicosis ...	3
Deaths contributed by Silicosis ...	Nil

CAUSES OF DEATH FOR THE PAST 10 YEARS

	1955	1956	1957	1958	1959	1960	1961	1962	1963	1964
Malignant Neoplasms	69	73	60	65	75	82	76	80	79	81
Scarlet Fever	—	—	—	—	—	—	—	—	—	—
Diphtheria (including Membraneous Croup)	—	—	—	—	—	—	—	—	—	—
Typhoid Fever	—	—	—	—	—	—	—	—	—	—
Puerperal Fever	—	1	—	—	—	1	—	—	—	—
Measles	—	—	—	—	—	—	—	—	—	—
Whooping Cough	—	1	—	—	—	—	—	—	—	—
Diarrhoea and Dysentery	—	1	2	2	2	1	2	3	3	1
Rheumatic Fever	—	—	—	—	—	—	—	—	—	—
Pthisis	11	5	3	4	4	2	1	1	3	5
Respiratory Diseases, excluding Cancer and Tuberculosis	61	66	56	60	70	56	72	68	73	85
Cardiovascular Disease	236	207	208	215	220	273	239	275	253	237
Injuries	22	14	23	21	18	23	15	15	26	12
All other causes	70	80	99	78	64	66	52	52	59	47
	469	448	451	445	453	504	457	494	496	468

The main causes of death in the Rural District during 1963 and 1964 were as follows:—

	1963		1964	
1 Cardiovascular conditions	253	50.70%	237	50.64%
2 Neoplasms of various kinds	79	16.03%	81	17.31%
3 Cancer of the Lung	19	3.80%	16	3.42%
4 Respiratory diseases (excluding Tuberculosis and Cancer)	73	14.63%	85	18.16%
5 Accidents	26	5.23%	12	2.56%

5 deaths were attributed to accidents in the home.

Population Statistics :

1931 Census	37,266
1951 Census	37,054
1961 Census	40,301

Cancer :

Cancer deaths per 1,000 of the population were slightly lower than the national average.

In the Llanelly R.D.C. Area:—

34 (41.99 per cent.) of these deaths were due to cancers of the organs of the digestive system.

16 (19.75 per cent.) were due to cancers of the lung and bronchus.

8 (9.88 per cent.) were due to cancers of the breast.

2 (2.45 per cent.) were due to cancers of the genito-urinary systems.

Immunisation :

The elimination of diseases such as diphtheria from the area for so many years and the large reduction in whooping cough and poliomyelitis cases are generally a striking tribute to the effects of immunisation. It is vital that the excellent results of immunisation should be stressed if prevention of epidemics is to be achieved.

Most of the immunisation at the clinics is now carried out with Triple Antigen. The figures below indicate the number protected against each disease in the Llanelly Rural District during 1954-64.

(A) Diphtheria :

Year	Ages in Years		Boosters	Total	No. of Immunisations in ages 0—5 years percentage of total live births
	0—5	5—15			
1954	295	4	6	305	58.53
1955	324	74	653	1051	57.04
1956	418	115	633	1166	78.28
1957	262	17	5	284	44.18
1958	361	2	8	371	60.35
1959	354	4	13	371	58.70
1960	178	9	61	248	27.68
1961	537	175	1056	1768	89.05
1962	344	15	28	387	60.14
1963	378	2	17	397	58.06
1964	491	8	113	612	78.68

The increased percentage of immunisation is encouraging.

The importance of immunisation is shown from the figures for deaths from and notifications of diphtheria for England and Wales since 1948:—

Year.	Deaths.	Notification.
1948	156	3575
1949	84	1890
1950	49	962
1951	33	664
1952	32	376
1953	23	266
1954	9	173
1955	11	161
1956	8	63
1957	6	43
1958	7	61
1959	—	103
1960	5	52
1961	10	53
1962	2	16
1963	2	33
1964	—	20

(B) **Whooping Cough and Vaccination :**

Number who received vaccination during 1964:—

Ages 0—5 years	489
Ages 5—14 years	7
Total	496

(C) **Tetanus Vaccination :**

Number who received vaccination in 1964:—

Ages 0—5 years	21
Ages 5—14 years	7
Total	28

(D) **Smallpox Vaccination :**

The following are the figures for the whole County of Carmarthenshire:—

Children under 1 year	157
Children of 1 year	507
2—4 years	53
5—14 years	3
15 or over	18
Number re-vaccinated	143

(E) **B.C.G. Vaccination (Whole County) :**

	Contact Scheme.	School-Children.	Students attending Further Education Establishments.
Number skin tested ...	269 ...	2421 ...	108
Number found negative...	213 ...	2068 ...	32
Number vaccinated ...	209 ...	2056 ...	31

(F) **Poliomyelitis Vaccination (Whole County) :**

	Received 2 Injections of Salk Vaccine.	Received 3 doses of Oral Vaccine.
Children born 1964	21 ...	242
Children born 1963	37 ...	1023
Children born 1962	5 ...	334
Children and Young Persons born in years 1943-61	4 ...	921
Young Persons born years 1933-42 ...	1 ...	119
Others	1 ...	121
Number of persons given third injection of Salk ...		22
Number of persons given a reinforcing dose of oral Vaccine after : 3 Salk doses or 3 Oral doses or 2 Salk doses plus 2 Oral doses ...	...	73

(G) **Scarlet Fever :**

8 cases were reported during the year, a decrease of 4 on the number reported in 1963. The disease continues to be mild.

(H) **Whooping Cough :**

42 cases were notified during the year.

Measles :

There were 236 cases of measles reported during the year as compared with 421 in 1963. The disease was mainly mild and as far as can be ascertained there were no serious complications.

Dysentery :

All notified cases of Dysentery were investigated and fæcal samples taken to the Public Health Laboratory.

The following organisms were found in the excreta of 28 of the specimens submitted for investigations:—

Shigella Sonnei	20
Salmonella Typhimurium (Phage Type 29) ...	1
Salmonella Paratyphi B	1
Pseudomonas Pyocyanea	2
Salmonella Oranienburg	1
Salmonella Brandenburg	3

Sonnei Dysentery was widespread in the area during the first quarter of the year.

The sources of these sonnei infections reported were not traced. There appears to be a seasonal incidence in the outbreaks of this disease during recent years.

Paratyphoid :

A case of Paratyphoid B occurred in our Area. Contacts were followed up but no new cases discovered. The onset of the illness took place whilst the patient was on holidays in Egypt, and the evidence indicated that the disease was contracted in Egypt.

Infectious Diseases

Following the outbreak of Typhoid at Aberdeen a directive was received from the Ministry requesting an investigation to be made at all Food shops of stocks of corned beef. This was carried out immediately and no tins of the particular consignment concerned were found in the Area.

National Youth Orchestra

An outbreak of food poisoning occurred amongst members of the National Youth Orchestra whilst performing at Swansea. The follow-up of notifications of the Youth Orchestra members resident in our Area resulted in Salmonella Brandenburg being isolated in all three cases.

Mortuaries

No mortuaries now exist in the area, but by agreement with the Llanelly Borough Council their mortuary is available when necessary.

INFECTIOUS AND OTHER NOTIFIABLE DISEASES DURING 1964

	Scarlet Fever		Whooping Cough		Measles		Dysentery	
	M.	F.	M.	F.	M.	F.	M.	F.
Numbers originally notified	5	3	20	22	112	124	17	20
Final numbers after correction :—								
Under 1 year	—	—	1	1	7	9	—	1
1—4 years	2	1	12	16	66	65	3	4
5—9 years	1	2	6	5	32	46	3	3
10—14 years	2	—	1	—	4	2	1	1
15—24 years	—	—	—	—	1	—	1	1
25—44 years	—	—	—	—	1	—	5	3
45—64 years	—	—	—	—	—	—	—	—
65 and over	—	—	—	—	—	—	—	—
Age Unknown	—	—	—	—	1	2	—	—
Total (all ages)	5	3	20	22	112	124	13	13

	Pneumonia		Puerperal Pyrexia		Food Poisoning	
	M.	F.	M.	F.	M.	F.
Numbers originally notified	7	4	—	1	1	—
Final numbers after correction :—						
Under 5 years	2	1	—	—	—	—
5—14 years	1	—	—	—	—	—
15—44 years	—	—	—	1	—	—
45—64 years	2	—	—	—	—	—
65 and over	2	3	—	—	—	—
Age unknown	—	—	—	—	—	—
Total (all ages)	7	4	—	1	—	—

OPHTHALMIA NEONATORUM, 1964

Ophthalmia Neonatorum	Cases			Vision Un-Impaired	Vision Impaired	Total Blind-ness	Deaths
	Notified	Treated					
		At Home	In Hospital				
	—	—	—	—	—	—	—

TUBERCULOSIS

Table shows notifications and number of deaths from Tuberculosis over past 50 years:—

	New Cases				Deaths			
	No. of new cases Notified		Rate per 1,000 population		Number of deaths		Rate per 1,000 population	
	Res-piratory	Non-Res-piratory	Res-piratory	Non-Res-piratory	Res-piratory	Non-Res-piratory	Res-piratory	Non-Res-piratory
1913	40	16	1.3	.5	20	16	.6	.5
1923	70	32	1.8	.9	31	16	.9	.45
1933	39	12	1.0	.3	29	7	.8	.2
1934	68	14	1.8	.4	21	6	.6	.2
1935	59	17	1.6	.5	36	6	.9	.2
1936	52	13	1.4	.4	36	7	.9	.2
1937	59	10	1.6	.3	25	8	.7	.3
1938	35	13	.9	.4	21	3	.6	.09
1951	42	15	1.2	.4	15	1	.4	.03
1952	51	12	1.3	.3	6	2	.15	.05
1953	32	20	.8	.5	7	2	.2	.05
1954	41	11	1.1	.3	7	—	.18	—
1955	29	16	.74	.4	11	1	.28	—
1956	43	5	1.09	.13	5	—	.13	—
1957	28	5	.72	.13	3	1	.08	.03
1958	19	8	.48	.20	3	—	.08	—
1959	18	6	.46	.15	4	1	.10	.03
1960	21	2	.53	.05	2	—	.05	—
1961	17	6	.42	.14	3	—	.07	—
1962	14	2	.35	.05	1	1	.02	.02
1963	10	6	.26	.14	3	—	.07	—
1964	17	3	.42	.07	4	1	.10	.02

Notification of new cases of tuberculosis and of Tuberculous deaths were slightly higher than those for the previous two years.

The treatment of Tuberculosis patients is undertaken by the Regional Hospital Boards and the Chest Physicians.

Enquiries regarding the domiciliary care of Tuberculous patients should be addressed to the County Medical Officer of Health at Carmarthen.

The County Council will assist in the domiciliary care of Tuberculous and other patients, by the provision on loan or otherwise of beds, bedding, sickroom equipment and home help assistance. In addition, sleeping out shelters are available for certain tuberculous patients.

Assistance is granted in necessitous cases towards the cost of the travelling expenses of relatives visiting long stay patients in hospitals and sanatoria. In practice it has been found that the great majority of applications for assistance have been relatives of tuberculous patients.

Assistance is granted for visits to hospitals and sanatoria, which are not less than 40 miles from the residence of the applicant, and is subject to the following conditions:—

(a) That there is urgent reasons for the visit because of the patient's serious condition, or that the visit would in medical opinion do the patient good and aid response to treatment.

(b) That because of the length of the journey, the relatives concerned are unable to afford it from their own resources without substantial hardship.

(c) That subject to (a) above, assistance is restricted to one relative every month or two relatives every two months, unless a senior member of the Medical Staff of the Hospital certifies that more frequent visits are essential on account of the patient's serious condition.

Mass Radiography :

A Mass Radiography unit visited some local works, and I would like to thank the managements and staffs for their ready co-operation in ensuring the success of these visits.

Mass Radiography services are available daily at the New Hospital in Singleton Park, Swansea, and at Llanelly Odeon Cinema ground on Mondays, except during Bank Holidays.

Arrangements are also likely to be made for periodic visits to additional works and other sites in the area as soon as the facilities available permit this to be done.

Details of examinations carried out by Unit "J" in Llanelly area during 1964:

TABLE 1

Circuit Location.	Number Examined.	Number of Visits.	Average Attendance per visit.
Llanelly	3184 ...	43 ...	74
Referred to Chest Physician as requiring further investigation	71	—	—
Other abnormalities of the chest diagnosed by the unit ...	574	—	—

TABLE 2

Special Survey.	Number Examined.	Referred to Chest Physician.	Other Chest Abnormalities.
R.N.S. Depot, Llangennech ...	657 ...	8 ...	84

TABLE 3

Analysis showing Type of Examinee
Regular Visits

General Population Volunteers	2936
General Practitioner referrals	192
Factory Groups (Non Industrial)	45
Contacts	11
	3184

Special Survey:

Factory Groups—Industrial	657

Less than 10 per cent. of the population take advantage of this service each year. To enhance the value of the unit in the field of preventive medicine and for promoting early treatment, I hope that greater use of this unit will be made in the future.

CHILD WELFARE CLINICS:

Place	Where Held	When Held	Times
Felinfoel	The Aelwyd, Penygaer	Thursdays (fortnightly)	2—4 p.m.
Furnace	Saron Vestry	Wednesdays	2.30-4.30 p.m.
Llangennech	Salem Vestry	Tuesdays	2—4.30 p.m.
Llwynhendy	New Clinic, Llwynhendy Road	Wednesdays	2—4 p.m.
Pontyates	Welfare Hall	Wednesdays	2—4 p.m.
Pontyberem	Public Hall	Wednesdays	2.30—5 p.m.
Pwll	Salem Vestry	Wednesdays	2.30—4 p.m.
Trimsaran	Workmen's Institute	Tuesdays	2—4 p.m.
Tumble	Welfare Pavilion	Tuesdays	2.30-4.30 p.m.

ANTE-NATAL CLINICS

Llangennech	Salem Vestry	Wednesday (weekly)	9.30-12 noon
Pontyates	Welfare Hall	Wednesday (weekly)	9.30-12 noon
Cross Hands	Public Hall	Thursday (weekly)	10-12 noon
Llanelly	Clinic, Goring Road	Tuesday (weekly)	9.30-12 noon
Ammanford	Clinic, Ammanford	Thursday (weekly)	9.30-12 noon and 2—4 p.m.

CHEST CLINIC

Llanelly	Bay View, Capel Road	Daily	9.30-12 noon 2—4 p.m.
		Saturday	9-12 noon

V.D. CLINICS

Place	Where Held	When Held	Times
Llanelly	Bryntirion Hospital (Males)	Tuesday	9—12 noon
Llanelly	Bryntirion Hospital (Females)	Tuesday	2.30—4.30 p.m.
Swansea	Mount Pleasant (Males)	Monday	9—12 noon
Swansea	Mount Pleasant (Males)	Tuesday	2—4 p.m.
Swansea	Mount Pleasant (Males)	Wednesday	5—7 p.m.
Swansea	Mount Pleasant (Males)	Thursday	3—5 p.m.
Swansea	Mount Pleasant (Females)	Tuesday	9—12 noon
Swansea	Mount Pleasant (Females)	Thursday	3—5 p.m.

HOSPITALS

The West Wales Isolation Hospital for the treatment of Infectious diseases and certain number of cases of Tuberculosis is situated within the area at Tumble.

Local Hospitals :

There are four local hospitals:—

(1) Llanelly General Hospital (160 beds).

(2) Bryntirion Hospital for chronic sick and aged (156 beds).

(3) Glasfryn Maternity Hospital (12 beds) and General Practitioner operated.

(4) Cilymaenllwyd Hospital (43 beds).

Cilymaenllwyd has been used as a pre-convalesent hospital. It has proved of immense value and as a result the surgical waiting list at the General Hospital has been very considerably reduced.

Home Help Service :

The Home Help Service is organised by the Carmarthenshire County Council.

Home Helps are provided during the laying-in period in maternity cases where the patient has no relative available to undertake the domestic duties of the home, and also in certain cases of

sickness and need. For those on National Assistance, limited domestic help can be arranged, when needed, through the National Assistance Board.

Mental Health Service :

		Areas for which they are responsible
Mr. Dewi David	.....	Llanelly Borough. Llanelly Rural District (Pembrey Parish). Burry Port Urban and Kidwelly Borough.
Mr. Esmor Evans	.....	Llanelly Rural District with the exception of Pembrey Parish.
Mr. G. Jones	.....	Ammanford Urban and eastern side of Llandeilo Rural. Acts as relief for the above as necessary.

Mentally Sub-normal :

The Carmarthenshire County Council are responsible for the ascertainment, supervision and general welfare of the mentally sub-normal.

Training centres are operating in Llanelly—one for junior and females, the other for older boys and men. The construction of a new Junior Training Centre and a residential hostel during 1965 will facilitate the expansion of this much appreciated and worthy service.

Blood Transfusion Service :

There is a small Blood Bank at the Llanelly General Hospital, and the service of a Pathologist with three trained Technicians is available.

Blood Grouping and Cross Matching are part of the normal laboratory routine and 24 hour service is maintained for emergencies.

A. Donations equivalent to Blood and Plasma used in 1964 :

(i) By Hospitals of Glantawe Area	6930
(ii) By Whole Welsh Region	45522

B. Donations received 1964 :

(i) In area covered by Glantawe Hospitals Group ...	6461
(ii) In Whole Welsh Region	48646

C. Donations received as percentage of Blood and Plasma used :

(i) In Llanelly Area	117.6
(ii) In Glantawe Area Group	93.2
(iii) In Welsh Region as whole	106.9

Donations received in Llanelly area were made up as follows:—

Llanelly	439
Tumble	100
Carmarthen Bay Power Station ...	46
Morris Motors	211
Steel Co. of Wales—Trostre	146
Fisher and Ludlow	232
R.N.S. Depot, Llangennech	111

The last two years have produced encouraging increases in the number of blood donations given in the Llanelli area. As many patients from the area are admitted into hospitals outside the area, it is doubtful whether the number of donations received is adequate to meet the requirements of the population of the area. I would, therefore, appeal for new volunteers for this most necessary service.

National Society for the Prevention of Cruelty to Children :

Close collaboration is maintained with the Local Inspector of the above Society, and mutual action to mitigate distress is taken in many instances.

The Local Inspector (Chief Inspector D. R. Lewis) resides at 64, Felinfoel Road, Llanelly ('Phone 2041).

SECTION B.

GENERAL PROVISION OF HEALTH SERVICES FOR THE AREA

Laboratory Facilities :

(a) An arrangement is in operation for the bacteriological examination of pathological specimens, milk samples and ice-cream samples at the Public Health Laboratories at Carmarthen and Swansea.

((b) Water Analysis—This work is carried out by the County Analyst's Laboratory, Carmarthen, and by the Public Health Laboratories at Carmarthen and Swansea.

SANITARY CIRCUMSTANCES OF THE AREA

WATER SUPPLY

In 1962 the Llanelly and District Water Board was formed and the administration of the Council's water undertaking was transferred to this Board.

Water Sources of the Area :

(1) **Llynyfan**—The source is a natural reservoir in an isolated mountainous area. The water is subjected to a rapid coarse sand filtration and chlorination. The gathering grounds form part of the National Parks and are accessible to the general public. In spite of the high degree of purity of the water in the reservoir, I consider that the risk of contaminated water being passed into the distribution system, though small, is real. I am informed that the Water Board is now considering action that may be taken to eliminate this risk.

(2) **Swiss Valley reservoirs**—Satisfactory filtration and chlorination is carried out on this supply. Storage of treated water is in covered reservoirs.

In past years the average consumption of water per annum in the area was 656,208,000 gallons and that for Trades and Bulk supplies was 269,620,700 gallons. The average consumption for domestic purposes was 286,587,300 gallons per annum.

The number of houses supplied with water from the public mains for the whole of the Board's area (Llanelli Rural; Llanelli Borough; Burry Port Urban; Kidwelly Borough) was approximately 25,000.

The following information is submitted by Mr. A. B. Richards, Engineer to the Llanelly and District Water Board:—

Average daily consumption in the Board's Area :

Domestic	5,173,000 gallons per day
Trade	4,423,000 gallons per day
Total number of houses in the Board's area supplied with water	25,000 approximately.

The estimated population supplied—74,410.

	Cwm Lliedi Reservoir	Forge Intake, Gwendraeth Fach	Llyn-y-fan Nantgoch
Total rainfall in inches during 1964	38.04	34.40	58.06
Number of days on which rain fell	179	182	180
Maximum day fall in inches and date	1.23 (12/7/64)	0.88 (6/10/64)	1.74 (6/12/64)

WATER SUPPLY SCHEMES

A. Completed during 1964 (Extensions):

Llethri Road, Felinfoel.
Allt, Llangennech.
Cleviston Park, Llangennech.
Penycwm Uchaf, Llannon.

B. Under construction during 1964 (Extensions):

Carmarthen Road, Cross Hands.
Trilwm, Trimsaran.
Penygaer, Felinfoel.
Tegfynydd, Felinfoel.
Tyisha Road, Tumble.
Swiss Valley Park, Felinfoel—Part II.

C. Awaiting Ministry approval as at 31/12/64 (Extension):

Brondini, Five Roads.

D. Under consideration as at 31/12/64 (Extension):

None.

WATER SAMPLING—PUBLIC SUPPLY

A total of 49 samples were taken by the Health Department during the year, of which one proved unsatisfactory. All unsatisfactory samples are referred to the Engineer of the Llanelly and District Water Board and are also re-taken by this Department until satisfactory:—

Total Number	49
No. Satisfactory	48
No. Unsatisfactory	1

The result of a sample given below is typical of those taken by the Water Board during 1964:—

Domestic Supply :	L.7
pH Value	7.0
Colour (Hazen Units)	12
	Parts per million
Free and Saline Ammonia	0.148
Albuminoid Ammonia	0.032
Nitrites	0.002
Nitrates	0.25
Oxygen consumed at 27°C. from N/80 permanganate during 4 hours	2.1
Chlorides as Cl	9.5
Calculated as Common Salt	15.7
Total Solids in Solution	50
Additional Features :	
Lime as CaO	13.5
Total Alkalinity as $CaCO_3$	22.5
Total Hardness as $CaCO_3$	20.0
Appearance	Clear
Bacteriological Examination :	
No. of organisms per c.c. developed on Agar during 48 hours at 37°C.	.13
No. of organisms per c.c. developed on Agar during 48 hours at 22°C.	22
Coliform organisms per 100 ccs.	Nil
Faecal Coli per 100 ccs.	Nil

OBSERVATIONS

The water was neutral in reaction and except for a higher permanganate figure than usual, was of normal composition.

It was free from injurious metals but contained 0.32 p.p.m. soluble iron. The water was of good appearance and did not contain any visible matter in suspension; nor did centrifuging bring any out. The water was of good bacteriological condition, and it did not have any unusual taste and odour, nor did this become pronounced on heating the water.

Private Supplies

No. of Samples taken	17
No. Satisfactory	6
No. Unsatisfactory	11

These samples were from springs and wells, most of which were either fed by surface water or subject to surface water contamination. Appropriate action was taken in each case where the tests proved unsatisfactory.

Again the following results are typical of bacteriological results of samples of domestic supplies in the area:—

	1	2	3	4	5
No. of organisms per cc. developed on Agar during 48 hours at 37°C.	4	7	4	2	5
No. of organisms per cc. developed on Agar during 48 hours at 22°C.	20	18	15	10	9
Coliform organisms per 100 ccs.	Nil	Nil	Nil	Nil	Nil
Faecal Coli per 100 ccs.	Nil	Nil	Nil	Nil	Nil

OBSERVATIONS

These five samples were of excellent bacteriological quality.

SEWAGE DISPOSAL

Most of the Council's area is adequately served by sewerage systems. There are, however, still some isolated houses which are not provided with this service.

It is estimated that over 90 per cent. of the houses in the area are connected to the public sewers.

The position with regard to extensions is:—

1. Schemes completed during 1964:
   Sewer Extensions—Coopers, Hendre Road, Tycroes.
   Sewer Extension—Wernbwll, Hendy.
   Sewerage Scheme—Cwmtawel.
   Sewer Extension—Dafen.
   Sewer Extension—Felinfoel.
   Sewer Extension—Llangennech.

2. Schemes under construction during 1964:
   Sewerage Scheme—Trimsaran and Heol Ddu.
   Sewerage Scheme—Pwll and Sandy, Phase II.
   Sewerage Scheme—Tumble.
   Reconstruction of Pembrey Disposal Works.

3. Schemes awaiting approval by Welsh Office during 1964:
   Bryndu, Llannon—Sewerage Scheme.
   Sludge Heating Treatment Plant, Pwll Disposal Works.

Closet Accommodation :

No. of open midden privies	...	Nil
No. of covered midden privies	...	Nil
No. of pail closets ...	...	568
No. constructed during year	...	Nil
No. of water closets ...	...	13,051
No. constructed during the year	...	52

Public Health Act, 1936, Section 172—No legal action taken.

National Health Act, 1946, Section 47 :

No action was taken under this Act during the year.

Clean Air Act :

During the year a firm took over part of the old Bynea Steel Works for the purpose of recovering scrap material. Smoke and fume nuisances arose from the burning of old railway coaches. The co-operation of the management was obtained for the mitigation of this nuisance.

Llanelly Steel Company, Ltd.

Complaints have been received of a smoke nuisance from these premises. The matter was investigated and the causes appeared to be faulty control by the workmen and the burning of oily wastes.

The attention of the Management was drawn to this and some improvement resulted, but the present position requires continued vigilance.

Nuisance from Cold Blast Cupola :

Complaints were received from near-by residents of fume and dust emissions from a cold-blast cupola.

The Management were approached and a Wet Arrester was installed to lessen the nuisance. Conditions are still not entirely satisfactory and efforts are being made to further reduce the extent of the nuisance.

Colliery Tips :

Complaints of obnoxious sulphur fumes from burning tips at Cross Hands, Tycroes and Llangennech were received during the year. The National Coal Board endeavoured to isolate these fires to the affected portions of the tips, but could give no assurances that the nuisances would be eliminated within a period of 1—3 years. The long period of nuisance caused by such spoilbanks when they catch fire causes the local population much discomfort and annoyance and stresses the need for improved planning and treatment of such spoilbanks, both from health and æsthetic points of view.

Housing :

The average number of persons per dwelling within the area was 3.12.

The distribution of Council Houses is as follows:—

Parish	Built under Housing Act, 1919	Built under Housing Acts, 1930-38	Post War Programme Houses	Post War Programme Prefabricated Bungalows	Post War Programme Flats	Total	% of Total dwellings in area
*Llanelli Rural	54	212	1224	36	26	1552	24.5
Llannon	44	49	456	10	—	559	34.7
Llanedy	36	23	264	10	—	333	24.4
Pembrey	19	29	494	19	12	573	29.9
*Llangennech	—	56	296	—	—	352	34.9
Pontyberem	40	58	265	—	12	375	38.0
Totals	193	427	2999	75	50	3744	28.3

*Two houses were erected in each of these parishes in 1944 for occupation by agricultural workers.

25 Prefabricated Bungalows were demolished during the year.

OCCUPIED DWELLING HOUSES IN LLANELLY RURAL DISTRICT AT 31st DECEMBER, 1964

Parish	Houses and Flats	Shops with Private Dwelling Accommodation	Agricultural Dwelling Houses	Public Houses	TOTAL
Llanelly Rural	6033	105	162	28	6328
Llannon	1445	61	98	6	1610
Pembrey	1777	31	91	17	1916
Llangennech	949	26	26	8	1009
Llanedy " A "	741	21	19	9	790
Llanedy " B "	523	16	26	2	567
Pontyberem	932	15	38	4	989
Total	12400	275	460	74	13209

INSPECTION AND SUPERVISION OF FOOD

Registrations

The numbers of premises registered in accordance with Section 16 of the Food and Drugs Act, 1955, in your district are as follows:—

Butchers Shops	28
Fish and Chip Shops	17
Ice-cream Manufacturers	2
Ice-Cream Dealers in pre-packed ice-cream ...	106

Ice-cream Regulations

Samples of ice-cream were taken from registered manufacturers and dealers during the year and duly submitted for bacteriological examination and were placed in the following provisional grades:—

Grade 1	41
Grade 2	10
Grade 3	4
Grade 4	2

Food Hygiene

Increasing attention is being paid to Food Premises as the importance of a high standard of personal hygiene and of hygienic structural conditions is realised. It is encouraging that there has been further improvement, but vigilance is necessary to maintain this higher standard.

The Department also co-operates with the Weights and Measures Department of the Carmarthenshire County Council in the enforcement of the relevant section of the Food and Drugs Act.

Industrial Canteens

Continuing attention to industrial and other canteens has improved the conditions in these premises during the year. To maintain these improvements frequent inspections have to be made and constant attention has to be given to these premises.

MILK AND DAIRIES (GENERAL) REGULATIONS, 1959

No. of persons registered as Distributors ...	37

Milk Sampling :

No. of samples taken during 1964	82
No. Satisfactory	77
No. Unsatisfactory	5

Non-pasteurised milk is sampled for routine Brucella abortus tests.

Brucella Abortus

One Order was put into operation. Further sampling after 6 months revealed as the result of guinea-pig tests that the herd was infected and the Order was kept in operation. Subsequent removal of the Order was not necessary, and consequent upon the death of the occupier the premises became vacant and the business ceased to operate.

A second case of Brucella Abortus infection of unpasteurised T.T. milk distributed in the Tycroes Area was discovered by means of the guinea pig test. The source was traced to a temporary supplier of milk to the Retailer. The immediate withdrawal of this supply was sufficient in this instance to eliminate the infection from the milk being retailed. The affected milk was being sent to a pasteurising establishment and no further action was necessary.

Licensed Slaughterhouses in Rural Districts:—

District	Premises	Licensee
Pontyberem	Vale View, Pontyberem	Mr. Tom Jones
Tycroes	Rhuddlan, Tycroes	Mr. I. G. Ebsworth
Hendy and Llangennech	Talyclun, Llangennech	Mr. D. Evans
Pembrey and Pwll	Cwm, Pembrey	Mr. Hugh Thomas

The provision of an adequate inspection in slaughterhouses has been a problem during the year due to the periods of slaughtering which take place seven days of the week. Up to the present the Inspectors have been able to cope reasonably with the task.

Any major extension of slaughtering within the Area would provide problems which would be difficult if not impossible to solve.

APPENDIX 1.

ANNUAL REPORT OF THE MEDICAL OFFICER OF HEALTH IN RESPECT OF THE YEAR 1964 FOR THE RURAL DISTRICT OF LLANELLY IN THE COUNTY OF CARMARTHEN.

FACTORIES ACT, 1961.

1.—INSPECTIONS for purposes of provisions as to health (including inspections made by Public Health Inspectors).

Premises (1)	Number on Register (2)	Number of Inspections (3)	Number of Written Notices (4)	Number of Occupiers Prosecuted (5)
(i) Factories in which Sections 1, 2, 3, 4 and 6 are to be enforced by Local Authorities	—	—	—	—
(ii) Factories not included in (i) in which Section 7 is enforced by the Local Authority	86	200	10	—
(iii) Other Premises in which Section 7 is enforced by the Local Authority (excluding out-workers premises)	13 (Building operations)	5		
	4 (Slaughter houses)	113		
Total	103	318	10	—

2.—Cases in which DEFECTS were found (If defects are discovered at the premises on two, three or more separate occasions they should be reckoned as two, three or more "Cases").

Particulars (1)	Found (2)	Remedied (3)	Referred		Number of cases in which prosecutions were instituted (6)
			To H.M. Inspector (4)	By H.M. Inspector (5)	
Want of cleanliness (S.1)	—	—	—	—	—
Overcrowding (S.2)	—	—	—	—	—
Unreasonable temperature (S.3)	—	—	—	—	—
Inadequate Ventilation (S.4)	—	—	—	—	—
Ineffective drainage of floors (S.6)	—	—	—	—	—
Sanitary Conveniences (S.7):					
(a) Insufficient	2	1	—	2	—
(b) Unsuitable or defective	8	3	—	—	—
(c) Not separate for sexes	—	—	—	—	—
Other offences against the Act (not including offences relating to Out-work)	—	—	—	—	—
Total	10	4	—	2	—

REPORT OF Mr. A. V. ROWLANDS

CHIEF PUBLIC HEALTH INSPECTOR

Refuse Collection and Disposal:

The Department controls the collection and disposal of Refuse.

Refuse is collected twice weekly in most areas with a weekly and fortnightly collection in the remoter rural areas.

Partial control of eight refuse tips with the aid of mechanical applicances has proved effective in practically eliminating complaints of nuisances, etc. Difficulty is experienced in getting suitable covering material although the co-operation of the National Coal Board and Carmarthen County Council in providing ashes and scarfing material has been forthcoming.

The unsuitable types of receptacles used by some householders has been a matter of concern to the Department. The Council have considered the position as a result of which all the householders in the Area were circularised in 1963 with a view to providing properly covered receptacles of suitable size and material. The response was not very encouraging. The matter has again been considered and with the raising of financial restrictions, it is hoped that the Council will be able to provide suitable refuse bins in the near future.

The increase in the number of houses and population has resulted in a steadily increasing quantity of refuse which has been collected.

SANITARY INSPECTION OF THE AREA

Total number of inspections made in 1964 ...		4854
Number of informal notices served		100
*Number complied with wholly	136	
*Number complied with partially	12	
		148
*Number of statutory notices served		13
*Number complied with wholly	3	
*Number complied with partially	1	
		4

(*Inclusive of notices served in previous years).

Eradication of Bed Bugs and other Vermin :

Houses inspected have generally been free from vermin.

Eradication of Ants, Flies, etc.

24 Houses were found to be infested with ants or flies, and necessitated an average of two treatments per house. The main difficulties experienced were again due to infestations by cluster flies.

Schools :

School Kitchens and Canteens are inspected and reports on defects are made to the Schools Medical Officer and his co-operation was readily forthcoming.

Rag Flock and other Filling Materials Act, 1951 :

No premises exist in the district.

Disinfection :

The four authorities in the Llanelly division share a common disinfector for this purpose. This arrangement is proving satisfactory.

Caravan Sites and Control of Development Act, 1960

A constant effort is being made to bring Caravan Sites up to the required standard and to discontinue the use of sites which are not capable of being brought up to standard. Difficulties arise because of the absence of suitable alternative sites for the caravan dwellers housed on unsuitable sites.

After representations by the Department in 1963 the Council agreed to consider providing a Caravan Site of their own and some progress has been made towards acquiring a site for this purpose.

Some improvement in the condition of the existing sites was effected, but rigid enforcement was not possible.

There are no Holiday Caravan Sites in our Area at present, although there have been tentative enquiries by prospective providers of such sites.

FACTORIES ACT, 1961

(Part VIII. of the Act)

Outworkers

(Sections 133 and 134)

There are no outworkers within Part VIII. of the Factories Act, 1961.

HOUSING

1. Inspection of Dwelling-Houses during the year:—

(1) (a) Total number of dwelling-houses inspected for housing defects (under Public Health or Housing Acts)		399
(b) Number of inspections for the purpose ...		708
(2) Number of dwelling-houses (exclusive of those referred to under the preceding sub-head) found not to be in all respects reasonably fit for human habitation		100

2. Remedy of defects during the year without service of formal Notices :
   Number of defective dwelling-houses rendered fit in consequence of informal action by the Local Authority or their Officers:—

(a) Completed	136	
(b) Partially Completed	12	
		148

3. Action under Statutory Powers during the year :

(a) Proceedings under Section 9 and 10 of the Housing Act, 1957:—	
(1) Number of dwelling-houses in respect of which notices were served requiring repairs	Nil

(2) Number of dwelling-houses which were repaired after service of formal notices :

(a) By Owners	Nil	Nil
(b) By Local Authority in default of Owners	Nil	Nil

(b) Proceedings under Public Health Acts :

(1) Number of dwelling-houses in respect of which notices were served requiring defects to be remedied 13

(2) Number of dwelling-houses in which defects were remedied after service of formal notices :

(a) By Owners :

Completed	3	
Partially Completed	1	
	—	4
(b) By Local Authority in default of Owners ...		Nil

(c) Proceedings under Section 16 and 17 of the Housing Act, 1957 :

(1) Number of dwelling-houses in respect of which Demolition Orders made	12
(2) Number of dwelling-houses demolished in pursuance of Demolition Orders	4
(3) Number of Closing Orders made under Section 17 of the Housing Act, 1957	15
(4) Number of Closing Orders determined	—
(5) Number of undertakings accepted under Section 16 to recondition dwelling-houses	Nil
(6) Number of houses in respect of which Cease User Undertakings were made	Nil
(7) Number of houses in respect of which Cease User Undertakings Operative and Rendered Fit ...	Nil

(d) Proceedings under Section 18 of the Housing Act, 1957 :

(1) Number of separate tenements or underground rooms in respect of which Closing Orders were made ...	Nil
(2) Number of separate tenements or underground rooms in respect of which Closing Orders were determined, the tenements or rooms having been rendered fit ...	Nil

OFFICES, SHOPS AND RAILWAY PREMISES ACT, 1963

The main provisions came into force on 1st August, 1964. The number of premises registered under this Act to the end of the year were as follows:—

Offices	17
Retail Shops	34
Wholesale Shops, Warehouses ...	2
Catering Establishments and Canteens ...	4
Fuel Storage Depots	1

Inspections were commenced immediately and by the end of December these totalled:—

Offices	16
Retail Shops	11
Wholesale Shops, Warehouses ...	1
Catering Establishments and Canteens ...	1
Fuel Storage Depots	—

The total number of visits of all kinds by Inspectors to registered premises were 40.

Due to illness and shortage of staff it was not found possible to carry out as many inspections as anticipated. But it is hoped that the position will improve in the near future.

Nuisances :

The disposal on agricultural land of industrial oil waste from a factory presented a problem to the Department, during the year. Representations to the management resulted in alternative methods of disposal being found and the nuisance was abated.

Consumer Protection Act, 1961

In July a letter was received from the R.D.C. Association stating they intended making representations to the Home Office regarding the omission of Rural Authorities as enforcing authorities under new Regulations made under this Act.

Your Council were desirous of R.D.C.s being included as an enforcing Authority under the Regulations and the Association was notified accordingly.

Common Lodging Houses :

There are no Common Lodging Houses in the area.

Factories Act, 1961 :

Number of Factories in the area:—

Factories	41
Bakeries	7
Repair Garages	38
Slaughterhouses	4
Building Sites	13
	— 103

Inspections carried out:—

Factories	84	
Bakeries	78	
Repair Garages	38	
Slaughterhouses	113	
Building Sites	5	
		318

Ten notices were served under Section 7 of the Factories Act, 1961.

Noise Abatement Act :

Complaints of noise nuisances have been increasing in number. These are investigated by the department, and where possible, remedial action by the Managements is requested. Some progress has been made, but in a few cases the problems are by no means easily remedied. Haphazard planning in the past resulting in industrial and residential areas being contiguous is the main cause of complaints.

Housing Applicants

There are 500 applicants on the Council's waiting list as at the 31st December, 1964. The cases are investigated by the Department and reports made to the House Letting Committee.

Housing Welfare

The increased building of Houses by the Council and National Coal Board in the Council's area has resulted in increasing welfare problems. The Department has been vigilant in improving and maintaining standards of cleanliness in all Council Houses. It is pleasing to report that a great deal of co-operation has been forthcoming from the tenants. Only a very small percentage fail to respond to the encouragement and advice given by the Public Health Department staff.

Housing Acts, 1958-59

A total of 104 applications for grants towards improvement works were received during the year, the payment of grants being to the value of £8,094.

MEAT INSPECTION AT SLAUGHTERHOUSES DURING 1964

	Cattle (excluding Cows)	Cows	Calves	Sheep and Lambs	Pigs	Horses
Number killed	1796	575	63	14387	5246	—
Number Inspected	1796	575	63	14387	5246	—
1. All diseases except Tuberculosis :						
(i) Whole carcases condemned	2	2	1	23	—	—
(ii) Carcases of which some part or organ was condemned	345	445	1	890	96	—
(iii) Percentage of the number inspected affected with diseases other than T.B. and cysticerci	19.32	77.74	3.17	6.35	1.83	—
2. Tuberculosis only :						
(i) Whole carcases condemned	—	—	—	—	—	—
(ii) Carcases of which some part or organ was condemned	—	1	—	—	12	—
(iii) Percentage of the number inspected affected with T.B.	—	.17	—	—	.23	—
3. Cysticerci :						
(i) Carcases of which some part or organ was condemned	4	14	—	6	8	—
(ii) Carcases submitted to treatment by refrigeration	—	—	—	—	—	—
(iii) Generalised and totally condemned	—	—	—	—	—	—

The total number of carcases inspected for the past eight years are as follows :—

1957	39,229
1958	32,280
1959	25,155
1960	27,890
1961	24,895
1962	22,511
1963	21,690
1964	22,067

SUMMARY OF FOOD STUFFS CONDEMNED YEAR ENDING 31st DECEMBER, 1964

	Weight lbs.	ozs.
Meat at slaughterhouse	15919	—
Meat at retail shops	60	4
Cooked meat and meat products	15	14
Canned meats	120	4
Fish	21	10
Fruit and Vegetables	91	12
Other Foods	54	8

PREVENTION OF DAMAGE BY PESTS ACT, 1949
RODENT CONTROL

Rodent Control is carried out under the provisions of the above Act, one full-time operative being employed.

The number of surveys and treatments during the year were as follows:—

	Surveys.	Treatments.
Private Dwellings	1489	1323
Business Premises	47	32
Surface Properties	120	75
Farms	15	4
Totals	1671	1434

The sewerage systems and sewage disposal works in your area were also tested in accordance with prescribed method laid down in the Act and were found to be generally free from any major infestations. The refuse tips in your area were regularly treated for infestations by rodents.

Petroleum Regulations :

The department is responsible for enforcing these regulations and there are 66 licensed premises.

Visits are paid when new tanks are installed and pressure tests are carried out under supervision. Revisits are necessary to ensure that the Regulations are complied with. The co-operation of the Fire Authority in enforcing these provisions has been greatly appreciated.

Pet Animals Act, 1951 :

One licensed premises (at Maesydderwen, Llanedi Road, Pontardulais) is kept under supervision.

Open-Air Bathing Pool, Hendy :

Regular sampling of the water during the time of operation of the pool was undertaken.

The total number of samples taken were 19, of which 7 proved unsatisfactory.

The unsatisfactory samples were due to inadequate chlorination, but immediate steps were taken to remedy the position.

NUMBER OF INSPECTIONS CARRIED OUT DURING 1964

Public Health Act :

House Inspections	171
House Reinspections	238
Water Supply	6
Drainage	259
Watercourses	104
Nuisances	239
Piggeries	34
Tents and Vans	59
Public Conveniences	89
Refuse Collection	53
Refuse Tips	254
Infectious Diseases	57
Revisits	122
Disinfection	2
Disinfestation	48
Unclean Premises	224

Housing Act :

House Inspections	75
House Reinspections	71
Improvement Grants	153

Food and Drugs Act :

Fish and Chip Shops	95
Licensed Premises	4
Meat Shops	462
Meat Vans	110
Fish Vans	11
Canteens	66
Food Preparing Premises	42
Food Shops	156
Food Vans	35
Ice-cream Manufacturing Premises	36
Ice-cream Shops	48

Ice-cream Vans	3
Dairies	54
Milk Vans	4
Bakehouses	78
Slaughterhouses	113

Others :

Factories and Workshops	84
Building Sites	5
Housing Investigations	167
Welfare Investigations	65
Rodent Control	21
Clean Air Act	69
'Bus Shelters	114
Petroleum Regulations	81
Noise Abatement Act	32
Caravan Sites	88
Offices, Shops and Railway Premises Act	40
Miscellaneous	413
Total	4754